

In re Application of Capps et al.
Serial No. 09/502,970

Listing of the Claims:

1. (currently amended) In a computer system having a graphical user interface and a user interface selection device, a method of providing the user interface for selection therefrom, comprising:
 - maintaining information about a sequence of places visited on the computer system, the sequence extending across a plurality of applications;
 - displaying, ~~along with~~ as part of a display of a first application of the plurality, a first selection mechanism associated with the sequence of places according to the information; and
 - in response to a signal indicative of a selection of the first selection mechanism, navigating to a place in the sequence that is in a second application of the plurality.
2. (original) The method of claim 1, wherein navigating to a place comprises navigating to a previous place in the sequence.
3. (original) The method of claim 2, wherein the first selection mechanism comprises a back button.
4. (original) The method of claim 2, further comprising: displaying, along with the display of the first application, a second selection mechanism associated with the sequence of places according to the information, the selection of which navigates to the next place in the sequence of places.

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5. (original) The method of claim 3, wherein the second selection mechanism comprises a forward button.
6. (original) The method of claim 5, wherein the first selection mechanism comprises a back button.
7. (original) The method of claim 1, further comprising:
displaying, along with the display of the first application, a second selection mechanism; and
in response to a signal indicative of a selection of the second selection mechanism, displaying a representation of the information about the sequence of places.
8. (original) The method of claim 7, wherein displaying the representation of the information comprises displaying a recent places page comprising, for each of the places, a place link associated with the place.
9. (original) The method of claim 8, further comprising:
in response to a signal indicative of a selection of one of the place links, navigating to the place associated with the one place link.
10. (original) The method of claim 1, further comprising:

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maintaining information about applications that have been displayed on the computer system; and

displaying for each of the applications, according to the information about applications, a representation of the application.

11. (original) The method of claim 10, further comprising:

in response to a signal indicative of a selection of one of the representations, taking action with respect to the application associated with the representation.

12. (original) The method of claim 10, wherein each of the

representations for each of the applications comprises a representation of a place most recently visited by the application.

13. (original) The method of claim 12, further comprising:

in response to a signal indicative of a selection of a representation of a most recently visited place, displaying the most recently visited place in the respective application.

14. (original) The method of claim 10, further comprising:

in response to a signal indicative of a first selection of one of the representations, displaying the application associated with the representation; and

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in response to a signal indicative of a second selection of one of the representations, displaying places that have been displayed in the application.

15. (original) The method of claim 14, wherein the second selection comprises providing a menu that displays places that have been displayed in the application.

16. (original) The method of claim 14, wherein the second selection comprises displaying a recent places page that displays the places that have been displayed in the application.

17. (original) The method of claim 1, further comprising:
maintaining information about each of the places, the information including a reference to page code used to implement the place.

18. (original) The method of claim 1, wherein the information about each of the places includes a reference to data that is combined with the page code to display the place.

19. (original) The method of claim 18, wherein the information about each of the places includes view state information for the place.

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20. (original) A computer-readable medium having computer-executable instructions for performing the method recited in claim 1.

21. (original) The method of claim 1, wherein the second application includes display information associated therewith, and further comprising overriding the display information so as to display the place in the second application in accordance with drawing functions provided by the user interface.

22. (original) The method of claim 21, wherein overriding comprises suppressing the display information.

23. (original) The method of claim 21, wherein overriding comprises rerouting the display information to the drawing functions of the shell component.

24. (original) The method of claim 1, wherein the first application is displayed in a first application window, and wherein navigating to the place in the second application comprises displaying the place in a second application window that is not the same as the first application window.

25. (currently amended) In a computer system having a graphical user interface and a user interface selection device, a method of providing the user interface for selection therefrom, comprising:

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maintaining information about a sequence of places visited on computer, the sequence extending across at least two applications;

displaying, along with as part of a display of a first application, a first link associated with the sequence of places according to the information; and

in response to a signal indicative of a selection of the first link, displaying a recent places page including a representation of the information about the sequence of places.

26. (original) The method of claim 25, wherein displaying the representation of the information comprises for each of the places, a place link associated with the place.

27. (original) The method of claim 26, further comprising:
in response to a signal indicative of a selection of one of the place links, navigating to the place associated with the one place link.

28. (original) A computer-readable medium having computer-executable instructions for performing the method recited in claim 25.

29. (currently amended) In a computer system having a graphical user interface and a user interface selection device, a method of providing the user interface for selection therefrom, comprising:

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maintaining information about applications configured to run on the computer system;

displaying for each of the applications, according to the information about applications, a representation corresponding to the application, such that the representation is displayed as part of at least one of the applications; and

in response to a signal indicative of a selection of one of the representations, displaying places that have been visited by the application.

30. (original) The method of claim 29, wherein each of the representations for each of the applications comprises a representation of a place most recently visited by the application.

31. (original) The method of claim 30, further comprising:
in response to a signal indicative of a selection of a representation of a most recently visited place, displaying the most recently visited place in the respective application.

32. (original) The method of claim 29, wherein displaying places that have been visited by the application comprises opening a menu that displays places that have been displayed in the application.

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33. (original) The method of claim 29, wherein displaying places that have been visited by the application comprises displaying a recent places page that displays the places that have been displayed in the application.

34. (original) The method of claim 29, wherein the representations of the applications are displayed on a selection bar.

35. (original) The method of claim 29, wherein the representations of the applications are displayed on a recent applications page.

36. (original) A computer-readable medium having computer-executable instructions for performing the method recited in claim 29.

37. (original) In a computer system, a method of navigating between places that have been visited by the computer system, comprising:

maintaining information about a place, the information including:

a reference to first executable code for displaying the place; and

a reference to a data object that is bound with the executable code to display the place;

altering the data object in a second executable code so as to form an altered data object; and

in response to a request for the place, binding the altered data object and the first executable code and displaying an altered place.

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38. (original) The method of claim 37, wherein the information about the place includes view state information, and wherein the altered place is displayed according to the view state information.

39. (original) The method of claim 37, wherein the altered data object includes view state information, and wherein the altered place is displayed according to the view state information.

40. (original) The method of claim 37, wherein the altered place is displayed according to a view state registry.

41. (original) The method of claim 37, wherein the reference to the first executable code comprises a pointer to the first executable code.

42. (original) The method of claim 37, wherein the reference to the data object comprises a moniker.

43. (original) A computer-readable medium having computer-executable instructions for performing the method recited in claim 37.

44. (currently amended) A computer readable medium having stored thereon a data structure, the data structure comprising:

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a first data field comprising a reference to a page code for use in rendering a place that has been visited on a computer system; and

a second data field comprising a reference to a data object that is bound with the page code to display the place; and;

a third data field comprising view state information that selects a view state for a binding of the data object and the executable code.

45-69. (cancelled)

70. (original) In a computer system having a user interface, a system for rendering a page on the user interface, comprising:

a data object corresponding to the page;

page code corresponding to the page;

view state information corresponding to the page;

a data structure corresponding to the page and including references that bind the page code, the view state information and the data object to each other;

a retrieval mechanism, the retrieval mechanism configured to access the data object, the page code and the view state information; and

an interpreter, the interpreter connected to the retrieval mechanism and configured to render the page in accordance with the data object, the page code and the view state information.

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71. (original) The system of claim 70, wherein the data object includes a second set of view state information, and further comprising a selection mechanism for determining view state information to use.